

## **APPENDIX A**

**Engineering Statement of**  
**Kevin T. Fisher**

EXHIBIT A

ENGINEERING STATEMENT

This statement is prepared on behalf of Knoxville Channel 25, L.L.C. ("KC25"), the proponent of a new television operation of NTSC Channel 25 at Knoxville, Tennessee. The statement demonstrates in principal part that the proposed KC25 operation can be conducted so that, consistent with relevant Federal Communications Commission ("FCC") standards, it will cause no cognizable interference to the now proposed operation of station WUNF-DT, Ashville, North Carolina, and, as a practical matter, will have no adverse impact upon the ability of the relevant public to receive the quality programming service to be provided by WUNF-DT and is now provided by its NTSC adjunct.

When masking from other interference sources is considered, the proposed Knoxville station causes only 0.26% interference to the service population of the WUNF-DT facility authorized in Construction Permit BPEDT-20000207AAC. The results of a Longley-Rice interference analysis are attached as Exhibit B. We utilized the V-Soft Communications Probe II software and determined signal within 1-square-kilometer cells. In addition, signal levels were calculated every 0.1 kilometers along each azimuth studied. Population figures are based on the 2000 Census. [Housing unit data was not available.] It is important to note that this amount of interference is considered by the FCC to be insignificant under their 0.5 percent *de minimis* interference standard.

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A review of the county population data in Exhibit B reveals that all of the predicted interference to WUNF-DT would occur in Tennessee, specifically in the counties of Greene, Hamblen, and Jefferson. Exhibit C is a map showing the areas of predicted interference (without consideration of interference from other sources).

We then examined the same situation with respect to the pending WUNF-DT upgrade application (BMPEDT-20010731AAG). The Longley-Rice study concludes that the proposed Knoxville facility would cause only 0.19% unmasked interference to the service population of maximized WUNF-DT. The results of the study are provided in Exhibit D and a map of the interference area appears as Exhibit E. Again, all of the interference lies within Tennessee state line and is primarily confined to the counties listed above.

Using the studies above, we next determined the area in Tennessee presently served by NTSC WUNF. To that area, we overlayed the predicted interference to WUNF-DT from the proposed Knoxville facility. In the overlapping areas, we counted the population. We conclude that there are 29 people living in a part of Jefferson County, Tennessee, that receive an acceptable level of NTSC WUNF signal and might not be able to receive WUNF-DT (as proposed in the upgrade application) because of interference from Channel 25 in Knoxville. Likewise, 112 people in the same county could be affected assuming operation of WUNF-DT as authorized in its construction permit.

Exhibit F is a map upon which the Longley-Rice service area is plotted for WSJK-DT, Channel 41 in Sneedville, Tennessee. Exhibit G is a printout showing the area and

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population served by WSJK-DT, as authorized in BPEDT-20000426ABS. WSJK-DT, which is owned by East Tennessee Public Commission, is a PBS affiliate, as is WUNF-DT. From the map and printout it is clear that this station serves the vast majority of Greene County, Hamblen County, and Jefferson County, Tennessee. Therefore, it is very likely that residents in the potentially affected service areas of WUNF-DT would be inclined to view PBS programming on "local" station WSJK-DT rather than WUNF-DT.

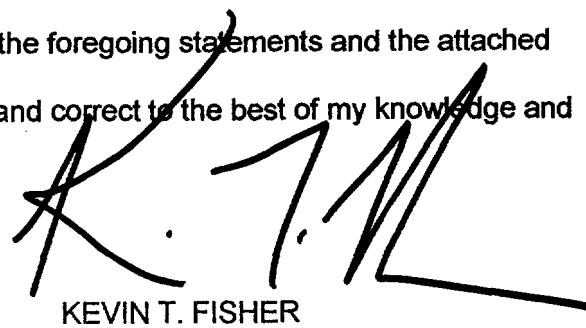
Finally, we have studied the effect of the Knoxville facility as a digital television station on WUNF-DT, once transition ends. For this part of the study, we assumed operation of a Knoxville DTV station with a digital ERP of 1000 kw and the same antenna radiation pattern. As shown in Exhibits H and I, the amount of unmasked interference from the digital operation of the Knoxville station to the authorized and proposed WUNF-DT facilities are only 0.12% and 0.06%, respectively.

In conclusion, the amount of interference predicted to occur from the proposed operation of Channel 25 in Knoxville to the authorized and proposed facilities of WUNF-DT is insignificant. Indeed, these levels satisfy the Commission's de minimis interference requirements for new NTSC proposals. Based on our Longley-Rice studies, the interference is confined to small areas in Tennessee. Within those areas of predicted interference, the vast majority occurs where there is insufficient signal from licensed WUNF-NTSC. In addition, WSJK-DT, another PBS affiliate, blankets the interference areas with a much stronger signal than WUNF-DT, meaning that WSJK-DT would likely be the preferred source

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of PBS programming in those areas of concern. Finally, interference to WUNF-DT will be further reduced once the Knoxville station converts to a digital format at the end of transition.

I declare, under penalty of perjury, that the foregoing statements and the attached exhibits, which were prepared by me, are true and correct to the best of my knowledge and belief.



A handwritten signature consisting of several thick, dark lines forming a stylized 'K' and 'T' shape, followed by the name 'KEVIN T. FISHER' in a smaller, more standard font.

October 29, 2001

## V-Soft Communications Population Report

WUNF-D.C (25) Asheville, NC  
TV Incoming Interference Study  
Signal Resolution: 1 km  
Consider NTSC Taboo: Yes  
KWX error points are considered to  
be interference free coverage.  
# of radials computed for contours: 72  
Contours calculated using 8 radial HAAT.  
LR Profile Spacing Increment: 0.1 km  
Interference considered within the  
reference station's noise limited contour.  
Threshold for reception: 39.854

Study Date: 10/26/2001  
TV Database Date: 10-20-01

Population Database: 2000 US Census

Percentages calculated using a baseline population of 1,780,725.

Stations which cause interference:

Call Letters	H Units	Population	%	Area (sq. km)
WNEG-D.C (24)	0	11097	0.623	126.34
WATL-D.C (25)	0	19063	1.071	291.04
WKAS (25-)	0	597	0.034	4.93
WUNU-D.C (25)	0	1835	0.103	19.90
WOLOTV (25-)	0	41669	2.340	542.52
WATL-D (25)	0	2696	0.151	74.06
WATETV-D (26)	0	10063	0.565	73.01
Knoxville 25 (25)	0	14056	0.789	123.30

Masking Summary:

Call Letters	Total Population	Interference %	Unique Population	Interference %
WNEG-D.C (24)	11097	0.623	6944	0.390
WATL-D.C (25)	19063	1.071	5349	0.300
WKAS (25-)	597	0.034	45	0.003
WUNU-D.C (25)	1835	0.103	94	0.005
WOLOTV (25-)	41669	2.340	31974	1.796
WATL-D (25)	2696	0.151	0	0.000
WATETV-D (26)	10063	0.565	1293	0.073
Knoxville 25 (25)	14056	0.789	4561	0.256

Totals for WUNF-D.C (25)

EXHIBIT B cont'd.

Calculation Area Population:	2,118,933	( 31760.1 sq. km )
Not Affected by Terrain Loss:	1,780,725	( 25143.5 sq. km )
Total NTSC Interference:	55,443	( 657.9 sq. km )
DTV Only Interference:	18,830	( 262.1 sq. km )
Total DTV Interference:	36,968	( 436.1 sq. km )
Interfered Population:	74,273	( 920.0 sq. km )
Interference Free:	1,706,452	( 24223.5 sq. km )

Percent Interference:	4.17
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Terrain Blocked Population:	338,208	( 6616.7 sq. km)
Contour Area Population:	2,118,715	

	Housing Units	Population	% of County
<b>Georgia</b>			
Rabun County			
County Pop	0	15,050	
WUNF-D.C (25)	0	188	
Ix Free	0	188	100.00
<b>South Carolina</b>			
Anderson County			
County Pop	0	165,740	
WUNF-D.C (25)	0	137,056	
WNEG-D.C (24)	0	3,290	2.40
WATL-D.C (25)	0	1,081	0.79
WOLOTV (25-)	0	0	0.00
WATL-D (25)	0	303	0.22
Ix Free	0	133,398	97.33
Cherokee County			
County Pop	0	52,537	
WUNF-D.C (25)	0	37,897	
WATL-D.C (25)	0	1,131	2.98
WUNU-D.C (25)	0	1,066	2.81
WOLOTV (25-)	0	1,094	2.89
Ix Free	0	35,752	94.34
Greenville County			
County Pop	0	379,616	
WUNF-D.C (25)	0	375,748	
WATL-D.C (25)	0	6,684	1.78
WOLOTV (25-)	0	11,789	3.14
WATL-D (25)	0	312	0.08
Ix Free	0	362,406	96.45
Laurens County			
County Pop	0	69,567	
WUNF-D.C (25)	0	16,623	
Ix Free	0	16,623	100.00
Oconee County			

County Pop	0	66,215	
WUNF-D.C (25)	0	51,944	
WNEG-D.C (24)	0	304	0.59
WATL-D.C (25)	0	775	1.49
WOLOTV (25-)	0	513	0.99
WATL-D (25)	0	401	0.77
Ix Free	0	50,868	97.93
Pickens County			
County Pop	0	110,757	
WUNF-D.C (25)	0	107,189	
WNEG-D.C (24)	0	7,503	7.00
WATL-D.C (25)	0	7,269	6.78
WOLOTV (25-)	0	3,926	3.66
WATL-D (25)	0	1,680	1.57
Ix Free	0	93,312	87.05
Spartanburg County			
County Pop	0	253,791	
WUNF-D.C (25)	0	248,726	
WATL-D.C (25)	0	1,300	0.52
WUNU-D.C (25)	0	3	0.00
WOLOTV (25-)	0	16,700	6.71
Ix Free	0	231,878	93.23
Union County			
County Pop	0	29,881	
WUNF-D.C (25)	0	157	
Ix Free	0	157	100.00

	Housing Units	Population	% of County
North Carolina			
Avery County			
County Pop	0	17,167	
WUNF-D.C (25)	0	8,047	
Ix Free	0	8,047	100.00
Buncombe County			
County Pop	0	206,330	
WUNF-D.C (25)	0	204,582	
WATL-D.C (25)	0	41	0.02
WOLOTV (25-)	0	24	0.01
Ix Free	0	204,517	99.97
Burke County			
County Pop	0	89,148	
WUNF-D.C (25)	0	55,354	
WUNU-D.C (25)	0	0	0.00
WOLOTV (25-)	0	218	0.39
Ix Free	0	55,136	99.61
Caldwell County			
County Pop	0	77,415	
WUNF-D.C (25)	0	820	
Ix Free	0	820	100.00
Cleveland County			

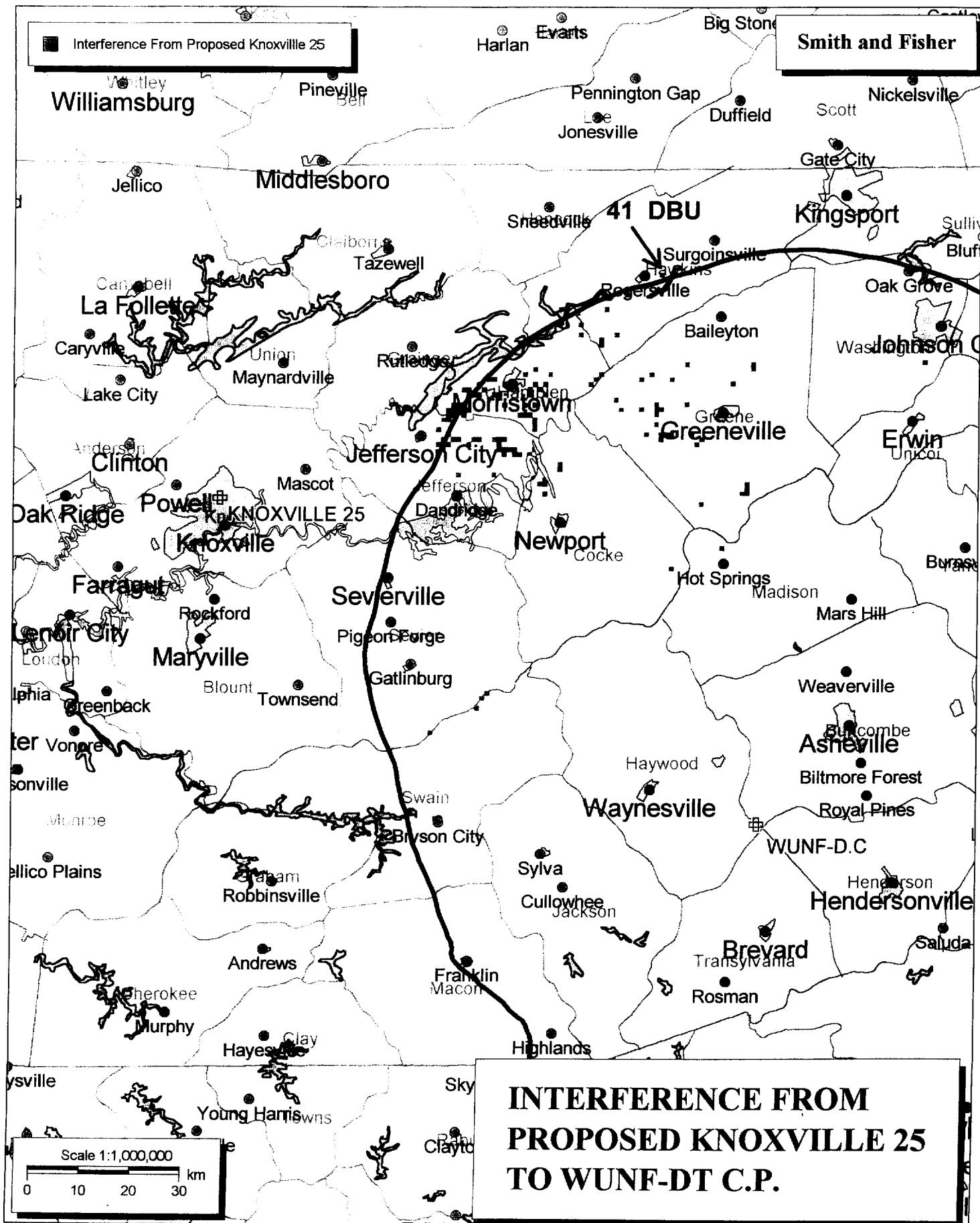
County Pop	0	96,287		
WUNF-D.C (25)	0	37,704		
WUNU-D.C (25)	0	268	0.71	
WOLOTV (25-)	0	1,308	3.47	
Ix Free	0	36,339	96.38	
Haywood County				
County Pop	0	54,033		
WUNF-D.C (25)	0	47,173		
Ix Free	0	47,173	100.00	
Henderson County				
County Pop	0	89,173		
WUNF-D.C (25)	0	88,763		
WATL-D.C (25)	0	7	0.01	
WOLOTV (25-)	0	3	0.00	
Ix Free	0	88,753	99.99	
Jackson County				
County Pop	0	33,121		
WUNF-D.C (25)	0	13,951		
WATL-D.C (25)	0	0	0.00	
WOLOTV (25-)	0	0	0.00	
WATL-D (25)	0	0	0.00	
Ix Free	0	13,951	100.00	
McDowell County				
County Pop	0	42,151		
WUNF-D.C (25)	0	30,723		
WATL-D.C (25)	0	224	0.73	
WOLOTV (25-)	0	2,132	6.94	
Ix Free	0	28,367	92.33	
Macon County				
County Pop	0	29,811		
WUNF-D.C (25)	0	7,161		
Ix Free	0	7,161	100.00	
Madison County				
County Pop	0	19,635		
WUNF-D.C (25)	0	18,854		
WKAS (25-)	0	45	0.24	
WOLOTV (25-)	0	0	0.00	
Ix Free	0	18,809	99.76	
Mitchell County				
County Pop	0	15,687		
WUNF-D.C (25)	0	10,119		
WKAS (25-)	0	0	0.00	
WOLOTV (25-)	0	4	0.04	
Ix Free	0	10,115	99.96	
Polk County				
County Pop	0	18,324		
WUNF-D.C (25)	0	11,588		
WATL-D.C (25)	0	113	0.98	
WUNU-D.C (25)	0	489	4.22	
WOLOTV (25-)	0	1,625	14.02	
Ix Free	0	9,963	85.98	

Rutherford County			
County Pop	0	62,899	
WUNF-D.C (25)	0	60,280	
WATL-D.C (25)	0	341	0.57
WUNU-D.C (25)	0	9	0.01
WOLOTV (25-)	0	1,621	2.69
Ix Free	0	58,378	96.84
Swain County			
County Pop	0	12,968	
WUNF-D.C (25)	0	4,503	
Knoxville 25 (25)	0	0	0.00
Ix Free	0	4,503	100.00
Transylvania County			
County Pop	0	29,334	
WUNF-D.C (25)	0	29,004	
WATL-D.C (25)	0	97	0.33
WOLOTV (25-)	0	127	0.44
Ix Free	0	28,874	99.55
Yancey County			
County Pop	0	17,774	
WUNF-D.C (25)	0	11,768	
Ix Free	0	11,768	100.00

	Housing Units	Population	% of County
Tennessee			
Carter County			
County Pop	0	56,742	
WUNF-D.C (25)	0	18,077	
Ix Free	0	18,077	100.00
Cocke County			
County Pop	0	33,565	
WUNF-D.C (25)	0	10,009	
WOLOTV (25-)	0	0	0.00
WATETV-D (26)	0	5	0.05
Knoxville 25 (25)	0	5	0.05
Ix Free	0	10,004	99.95
Grainger County			
County Pop	0	20,659	
WUNF-D.C (25)	0	323	
WATETV-D (26)	0	56	17.34
Knoxville 25 (25)	0	56	17.34
Ix Free	0	267	82.66
Greene County			
County Pop	0	62,909	
WUNF-D.C (25)	0	39,512	
WOLOTV (25-)	0	585	1.48
WATETV-D (26)	0	1,619	4.10
Knoxville 25 (25)	0	1,236	3.13
Ix Free	0	36,885	93.35
Hamblen County			

EXHIBIT B cont'd.

County Pop	0	58,128	
WUNF-D.C (25)	0	33,665	
WATETV-D (26)	0	7,370	21.89
Knoxville 25 (25)	0	9,868	29.31
Ix Free	0	23,797	70.69
Hawkins County			
County Pop	0	53,563	
WUNF-D.C (25)	0	12,590	
WATETV-D (26)	0	6	0.05
Knoxville 25 (25)	0	311	2.47
Ix Free	0	12,273	97.48
Jefferson County			
County Pop	0	44,294	
WUNF-D.C (25)	0	11,386	
WATETV-D (26)	0	1,007	8.84
Knoxville 25 (25)	0	2,028	17.81
Ix Free	0	9,204	80.84
Sevier County			
County Pop	0	71,170	
WUNF-D.C (25)	0	5,297	
Ix Free	0	5,297	100.00
Sullivan County			
County Pop	0	153,048	
WUNF-D.C (25)	0	3,082	
Ix Free	0	3,082	100.00
Unicoi County			
County Pop	0	17,667	
WUNF-D.C (25)	0	8,644	
Ix Free	0	8,644	100.00
Washington County			
County Pop	0	107,198	
WUNF-D.C (25)	0	22,218	
WKAS (25-)	0	552	2.48
Knoxville 25 (25)	0	552	2.48
Ix Free	0	21,666	97.52



## V-Soft Communications Population Report

WUNF-D.A (25) Asheville, NC  
 TV Incoming Interference Study  
 Signal Resolution: 1 km  
 Consider NTSC Taboo: No  
 KWX error points are considered to  
     be interference free coverage.  
 # of radials computed for contours: 72  
 Contours calculated using 8 radial HAAT.  
 LR Profile Spacing Increment: 0.1 km  
 Interference considered within the  
 reference station's noise limited contour.  
 Threshold for reception: 39.854

Study Date: 10/26/2001  
 TV Database Date: 10-20-01

Population Database: 2000 US Census

Percentages calculated using a baseline population of 1,925,656.

Stations which cause interference:

Call Letters	H Units	Population	%	Area (sq. km)
WHIQ (25+)	0	0	0.000	0.99
WNEG-D.C (24)	0	10917	0.567	136.36
WATL-D.C (25)	0	15040	0.781	262.08
WKAS (25-)	0	64	0.003	5.91
WNUU-D.C (25)	0	264	0.014	17.88
WOLOTV (25-)	0	29785	1.547	497.44
WATL-D (25)	0	1944	0.101	69.00
WTVI-D (24)	0	39	0.002	0.99
WATE-TV-D (26)	0	12289	0.638	93.73
Knoxville 25 (25)	0	13725	0.713	152.92

Masking Summary:

Call Letters	Total Interference		Unique Interference	
	Population	%	Population	%
WHIQ (25+)	0	0.000	0	0.000
WNEG-D.C (24)	10917	0.567	6855	0.356
WATL-D.C (25)	15040	0.781	4315	0.224
WKAS (25-)	64	0.003	64	0.003
WNUU-D.C (25)	264	0.014	92	0.005
WOLOTV (25-)	29785	1.547	21943	1.140
WATL-D (25)	1944	0.101	0	0.000
WTVI-D (24)	39	0.002	0	0.000
WATE-TV-D (26)	12289	0.638	2322	0.121
Knoxville 25 (25)	13725	0.713	3721	0.193

## Totals for WUNF-D.A (25)

Calculation Area Population:	2,294,541	( 35607.1 sq. km )
Not Affected by Terrain Loss:	1,925,656	( 28315.8 sq. km )
Total NTSC Interference:	43,177	( 641.5 sq. km )
DTV Only Interference:	17,036	( 257.1 sq. km )
Total DTV Interference:	34,448	( 434.9 sq. km )
Interfered Population:	60,213	( 898.5 sq. km )
Interference Free:	1,865,443	( 27417.2 sq. km )
Percent Interference:	3.13	
Terrain Blocked Population:	368,885	( 7291.3 sq. km )
Contour Area Population:	2,294,657	

	Housing Units	Population	% of County
<b>Georgia</b>			
Rabun County			
County Pop	0	15,050	
WUNF-D.A (25)	0	443	
Ix Free	0	443	100.00
<b>South Carolina</b>			
Abbeville County			
County Pop	0	26,167	
WUNF-D.A (25)	0	34	
Ix Free	0	34	100.00
Anderson County			
County Pop	0	165,740	
WUNF-D.A (25)	0	144,476	
WNEG-D.C (24)	0	2,811	1.95
WATL-D.C (25)	0	692	0.48
WOLOTV (25-)	0	0	0.00
WATL-D (25)	0	244	0.17
Ix Free	0	141,595	98.01
Cherokee County			
County Pop	0	52,537	
WUNF-D.A (25)	0	47,329	
WOLOTV (25-)	0	1,156	2.44
Ix Free	0	46,173	97.56
Greenville County			
County Pop	0	379,616	
WUNF-D.A (25)	0	376,388	
WATL-D.C (25)	0	5,805	1.54
WNUU-D.C (25)	0	39	0.01
WOLOTV (25-)	0	8,974	2.38
WATL-D (25)	0	55	0.01

EXHIBIT D cont'd.

Ix Free	0	366,051	97.25
Laurens County			
County Pop	0	69,567	
WUNF-D.A (25)	0	19,985	
WATL-D.C (25)	0	163	0.82
WOLOTV (25-)	0	163	0.82
Ix Free	0	19,822	99.18
Oconee County			
County Pop	0	66,215	
WUNF-D.A (25)	0	58,254	
WNEG-D.C (24)	0	635	1.09
WATL-D.C (25)	0	958	1.64
WOLOTV (25-)	0	317	0.54
WATL-D (25)	0	91	0.16
Ix Free	0	56,938	97.74
Pickens County			
County Pop	0	110,757	
WUNF-D.A (25)	0	107,404	
WNEG-D.C (24)	0	7,413	6.90
WATL-D.C (25)	0	6,241	5.81
WOLOTV (25-)	0	3,250	3.03
WATL-D (25)	0	1,477	1.38
Ix Free	0	95,047	88.49
Spartanburg County			
County Pop	0	253,791	
WUNF-D.A (25)	0	252,610	
WATL-D.C (25)	0	508	0.20
WOLOTV (25-)	0	10,215	4.04
Ix Free	0	242,367	95.95
Union County			
County Pop	0	29,881	
WUNF-D.A (25)	0	3,510	
WOLOTV (25-)	0	33	0.94
Ix Free	0	3,477	99.06

	Housing Units	Population	% of County
North Carolina			
Avery County			
County Pop	0	17,167	
WUNF-D.A (25)	0	9,627	
WOLOTV (25-)	0	13	0.14
Ix Free	0	9,614	99.86
Buncombe County			
County Pop	0	206,330	
WUNF-D.A (25)	0	204,868	
WATL-D.C (25)	0	60	0.03
WOLOTV (25-)	0	19	0.01
WATL-D (25)	0	19	0.01
Ix Free	0	204,808	99.97
Burke County			

EXHIBIT D cont'd.

County Pop	0	89,148	
WUNF-D.A (25)	0	64,140	
WUNU-D.C (25)	0	17	0.03
WOLOTV (25-)	0	278	0.43
Ix Free	0	63,862	99.57
Caldwell County			
County Pop	0	77,415	
WUNF-D.A (25)	0	11,613	
WOLOTV (25-)	0	46	0.40
Ix Free	0	11,567	99.60
Catawba County			
County Pop	0	141,685	
WUNF-D.A (25)	0	189	
WUNU-D.C (25)	0	49	25.93
WOLOTV (25-)	0	112	59.26
Ix Free	0	28	14.81
Cleveland County			
County Pop	0	96,287	
WUNF-D.A (25)	0	66,817	
WUNU-D.C (25)	0	111	0.17
WOLOTV (25-)	0	924	1.38
Ix Free	0	65,889	98.61
Gaston County			
County Pop	0	190,365	
WUNF-D.A (25)	0	7	
Ix Free	0	7	100.00
Graham County			
County Pop	0	7,993	
WUNF-D.A (25)	0	443	
Ix Free	0	443	100.00
Haywood County			
County Pop	0	54,033	
WUNF-D.A (25)	0	49,072	
WATL-D.C (25)	0	0	0.00
WOLOTV (25-)	0	0	0.00
WATL-D (25)	0	0	0.00
Ix Free	0	49,072	100.00
Henderson County			
County Pop	0	89,173	
WUNF-D.A (25)	0	88,834	
WOLOTV (25-)	0	3	0.00
Ix Free	0	88,831	100.00
Jackson County			
County Pop	0	33,121	
WUNF-D.A (25)	0	14,204	
WNEG-D.C (24)	0	49	0.34
WATL-D.C (25)	0	49	0.34
WATL-D (25)	0	49	0.34
Ix Free	0	14,155	99.66
Lincoln County			
County Pop	0	63,780	

EXHIBIT D cont'd.

WUNF-D.A (25)	0	2,339	
WUNU-D.C (25)	0	39	1.67
WOLOTV (25-)	0	287	12.27
WTVI-D (24)	0	39	1.67
Ix Free	0	2,052	87.73
McDowell County			
County Pop	0	42,151	
WUNF-D.A (25)	0	33,538	
WATL-D.C (25)	0	9	0.03
WOLOTV (25-)	0	165	0.49
Ix Free	0	33,364	99.48
Macon County			
County Pop	0	29,811	
WUNF-D.A (25)	0	11,046	
WNEG-D.C (24)	0	9	0.08
WATL-D.C (25)	0	9	0.08
WOLOTV (25-)	0	9	0.08
WATL-D (25)	0	9	0.08
Knoxville 25 (25)	0	0	0.00
Ix Free	0	11,037	99.92
Madison County			
County Pop	0	19,635	
WUNF-D.A (25)	0	18,937	
WOLOTV (25-)	0	21	0.11
Ix Free	0	18,916	99.89
Mitchell County			
County Pop	0	15,687	
WUNF-D.A (25)	0	10,575	
WOLOTV (25-)	0	113	1.07
Ix Free	0	10,462	98.93
Polk County			
County Pop	0	18,324	
WUNF-D.A (25)	0	14,028	
WATL-D.C (25)	0	387	2.76
WOLOTV (25-)	0	2,121	15.12
Ix Free	0	11,787	84.02
Rutherford County			
County Pop	0	62,899	
WUNF-D.A (25)	0	60,888	
WATL-D.C (25)	0	159	0.26
WUNU-D.C (25)	0	9	0.01
WOLOTV (25-)	0	954	1.57
Ix Free	0	59,870	98.33
Swain County			
County Pop	0	12,968	
WUNF-D.A (25)	0	5,197	
Ix Free	0	5,197	100.00
Transylvania County			
County Pop	0	29,334	
WUNF-D.A (25)	0	29,069	
WOLOTV (25-)	0	0	0.00

EXHIBIT D cont'd.

Ix Free	0	29,069	100.00
Watauga County			
County Pop	0	42,695	
WUNF-D.A (25)	0	909	
Ix Free	0	909	100.00
Yancey County			
County Pop	0	17,774	
WUNF-D.A (25)	0	11,797	
Ix Free	0	11,797	100.00

	Housing Units	Population	% of County
Tennessee			
Carter County			
County Pop	0	56,742	
WUNF-D.A (25)	0	22,494	
WKAS (25-)	0	64	0.28
Ix Free	0	22,430	99.72
Cocke County			
County Pop	0	33,565	
WUNF-D.A (25)	0	10,436	
WOLOTV (25-)	0	204	1.95
WATETV-D (26)	0	237	2.27
Knoxville 25 (25)	0	237	2.27
Ix Free	0	10,199	97.73
Grainger County			
County Pop	0	20,659	
WUNF-D.A (25)	0	610	
Ix Free	0	610	100.00
Greene County			
County Pop	0	62,909	
WUNF-D.A (25)	0	40,772	
WOLOTV (25-)	0	260	0.64
WATETV-D (26)	0	1,709	4.19
Knoxville 25 (25)	0	1,260	3.09
Ix Free	0	38,312	93.97
Hamblen County			
County Pop	0	58,128	
WUNF-D.A (25)	0	38,457	
WATETV-D (26)	0	8,833	22.97
Knoxville 25 (25)	0	9,847	25.61
Ix Free	0	27,615	71.81
Hawkins County			
County Pop	0	53,563	
WUNF-D.A (25)	0	17,604	
WATETV-D (26)	0	6	0.03
Knoxville 25 (25)	0	266	1.51
Ix Free	0	17,332	98.45
Jefferson County			
County Pop	0	44,294	
WUNF-D.A (25)	0	14,574	

EXHIBIT D cont'd.

WATETV-D (26)	0	1,504	10.32
Knoxville 25 (25)	0	2,115	14.51
Ix Free	0	12,271	84.20
Johnson County			
County Pop	0	17,499	
WUNF-D.A (25)	0	12	
Ix Free	0	12	100.00
Sevier County			
County Pop	0	71,170	
WUNF-D.A (25)	0	9,081	
Ix Free	0	9,081	100.00
Sullivan County			
County Pop	0	153,048	
WUNF-D.A (25)	0	15,304	
Ix Free	0	15,304	100.00
Unicoi County			
County Pop	0	17,667	
WUNF-D.A (25)	0	8,647	
WKAS (25-)	0	0	0.00
Ix Free	0	8,647	100.00
Washington County			
County Pop	0	107,198	
WUNF-D.A (25)	0	29,095	
WOLOTV (25-)	0	148	0.51
Ix Free	0	28,947	99.49



